

## 8. O&M Book

*Table I: O&M Book*

OM-1	Critical Plan Approval Check List
OM-2	Third Party Inspection and Testing
OM-3	Footing and Column Pad Inspection
OM-4	Foundation Walls Inspection
OM-5	Backfill Inspection
OM-6	Plumbing Inspection
OM-7	Slab on Grade Inspection
OM-8	Structural Inspection
OM-9	Architectural Inspection
OM-10	Mechanical & Electrical Inspection

### Inspection and Test Plan: Civil Inspections

The “Inspections and Test Plan” section provides an example of a full inspection and test plan for “Civil Construction Block” in the form of job books. A similarly detailed inspection and test plan exists for each section of the form of job books.

#### 1. Civil Inspections

C-1	Construction Period Road Inspection
C-2a	Initial Drainage Structure Inspection
C-2b	Final Drainage Structure Inspection
C-3	Crane Pad Inspection
C-4	Drain Tile Repair Inspection
C-5	Seeding Inspection
C-6	WTG Site and Road Restoration Inspection
C-7	Intersection Modification
C-8	Approach/Temporary Radius
C-9	Intersection Modification Restoration
C-10	Yard Subgrade and Gravel Placement

## Inspection and Test Plan: Civil Inspections

TBD Wind Energy Project

### C-1 Construction Period Road Inspection

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Road Name or Identifier: \_\_\_\_\_ Road Length \_\_\_\_\_ ft.

Drawing #: \_\_\_\_\_

#### Subgrade Preparation

#### Inspection Compliance

1. Topsoil removed per drawings.	Yes	No
2. Subgrade prepared per drawing and specifications.	Yes	No
3. Subgrade passed proof roll testing.	Yes	No
4. Third party proof roll and subgrade testing data collected and filed.	Yes	No
5. SWPPP installed per drawings and specifications.	Yes	No

#### Road Base Installation

6. Geotextile fabric installed per drawings and specifications.	Yes	N/A	No
7. Road base passed proof roll testing.	Yes		No
8. Road shoulders passed proof roll test (both sides).	Yes	N/A	No

#### Road Specifications

Gravel Design Width: \_\_\_\_\_ ft. Gravel Design Thickness: \_\_\_\_\_ in. Compacted Shoulder Width: \_\_\_\_\_ ft.

Side to side Max Grade: \_\_\_\_\_ in. Maximum in 100' Crest: \_\_\_\_\_ in. Maximum in 100' Sag: \_\_\_\_\_ in.

#	Station or GPS Location:	Actual Gravel Width (ft.):	Actual Shoulder-to-Shoulder-Width (ft.):	Actual Gravel Thickness (ft.):	Shoulder-to-Shoulder Elevation Difference (in.):	Actual Side-to-Side Slope: %
1						
2						
3						
4						
5						
6						
7						
8						

\*Road Checks shall be performed at a minimum every 500'. If needed, use additional sheets.\*

#### Inspection Compliance

9. Road width and thickness installed per design tolerances.	Yes	No
10. Road section incline grade less than ____% grade per specifications.	Yes	No
11. Road section maximum side-to-side grade within specifications.	Yes	No
12. Maximum vertical crest in any 100' section within specifications. ( ____inches)	Yes	No
13. Maximum vertical sag in any 100' section within specifications. ( ____inches)	Yes	No
14. Were there any Non-Conformance Reports filed?	Yes	No
If yes, list NCR #____. Has it been resolved?	Yes	N/A No

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**Inspection and Test Plan: Civil Inspections**

**C-1 Construction Period Road Inspection**

**Photos**

**\*Representative will do a drive-thru inspection and a completion certificate  
for each section of road will be issued at the end of the project.\*  
Note any deviations in the comments section.**

**Comments:**

**Civil Foreman:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**QA/QC:** \_\_\_\_\_ **Date:** \_\_\_\_\_